Wireless Router

Hablamos de
Calidad de Vida

Installation guide

Telefónica

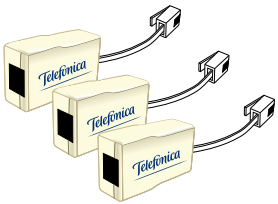
This installation guide describe the Wireless Router installation process. Please, follow the instructions step by step.

For more detailed information consult in “Manual_usuario.pdf” which is included in the “Ayuda” folder of the CD. Furthermore, the CD includes a video file (AyudaGrafica.exe) with a graphic help of the installation and configuration process.

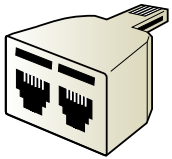
packaging

(1) Wireless Router

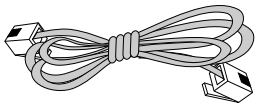
(2) Power Adapter



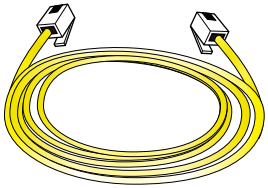
(3) Three ADSL microfilters



(4) Multiple Adapter

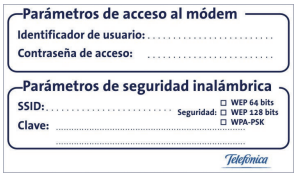


(5) Telephone line cable



(6) Ethernet Cable

(7) Installation CD



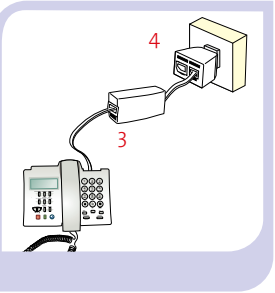
(8) Configuration label

For additional information, please consult the User Manual: chapter 2

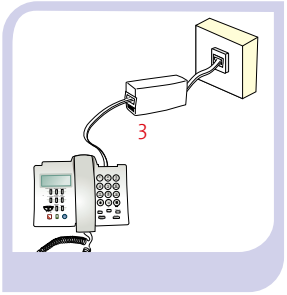
Start using your ADSL ...

1 Microfilters installation

Connect a microfilter between each telephony device (telephones, faxes, ...) and the telephone socket.



Connect the multiple adapter (4) and the microfilter (3) to the selected telephone socket where the router will be connected, as shown in the figure.

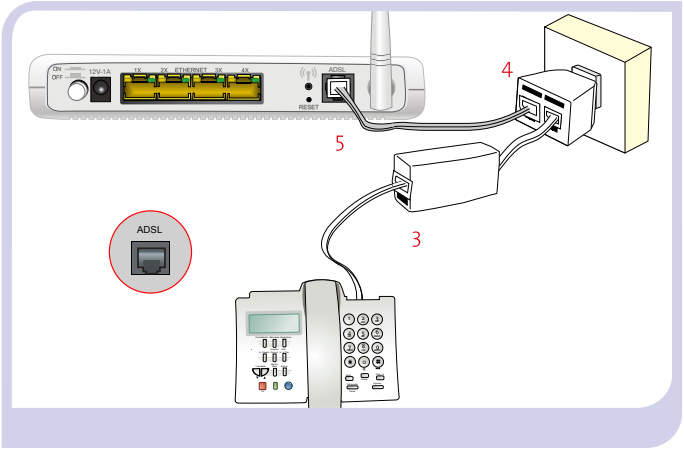


For the rest of the telephone sockets, where there is connected a telephony terminal, you will just have to connect a microfilter (3).

For additional information, please consult the User Manual: section 3.2

2 Telephone line connection

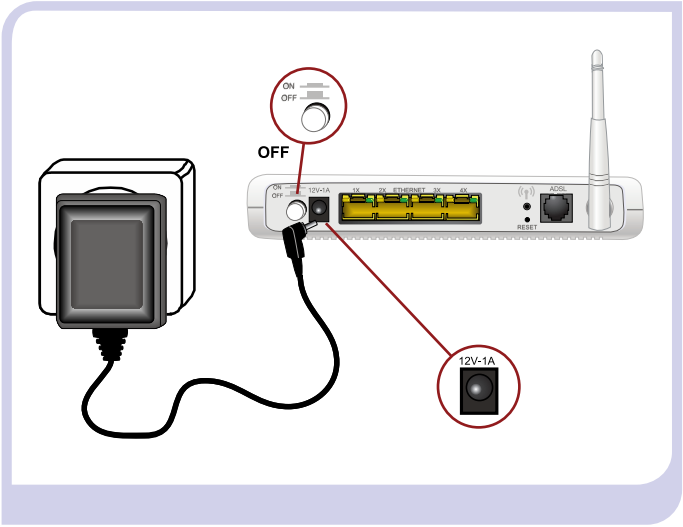
Connect the grey telephony line cable (5) to the free outlet (without microfilter) of the multiple adapter (4) and to the ADSL router labeled as **LINEA**.



For additional information, please consult the User Manual: section 3.3

3 Power adapter connection

Plug the power adapter (2) into the mains supply and into the **12V-1A** connector of the ADSL router.



For additional information, please consult the User Manual: section 3.3

4 Switching on the Router

Turn the router on by putting the switch into the **ON** position. Wait for a few minutes until the LEDs shine as shown below.

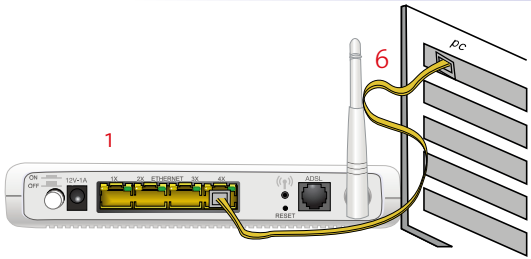
Indicators	Current Status	Description
Ethernet	OFF	Status of the Ethernet connection
WLAN	OFF	Status of the wireless network
⏻	ON (green)	Status of the power supply
ADSL	ON (green)	ADSL Connected
PPP	ON (green)	Internet Connected

For additional information, please consult the User Manual: section 3.4

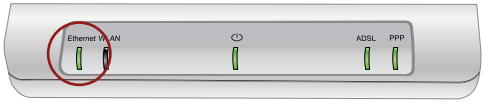
5 Connecting the Router to your PC. There are two options

A. Connection using Ethernet cable

Connect the yellow Ethernet cable (6) to the PC's Ethernet card and to one of the router´s connectors labeled as **ETHERNET 1x to 4x.**



Start your PC. The **Ethernet** indicator will be green after a few seconds.

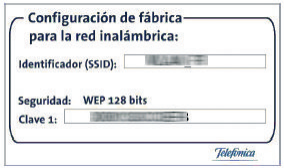


For additional information, please consult the User Manual: section 3.3

B. Connection using wireless network

Activate the wireless network of your ADSL router. To do this, press the **WLAN** button located at the back of the router, the green **WLAN** indicator light will shine.

You will find the default configuration settings for your wireless network on the label located below your router.



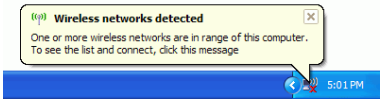
You must configure your PC wireless client according to these settings. Consult the following page for further information.

For additional information, please consult the User Manual: section 3.5

Connection using wireless network (continued)

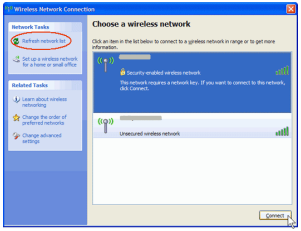
1. If you have an external wireless device (PCMCIA or USB), you must install it previously using the manufacturer drivers CD. If you have an internal device, verify it is enabled.

2. Access the wireless device management application. To do this, you must look for the icon in the system tray (next to the clock). Right click on it and select "View Available Wireless Networks". For different operating systems than Windows XP SP2 or Vista, consult the device help.


Wireless networks detected
One or more wireless networks are in range of this computer.
To see the list and connect, click this message
5:01 PM

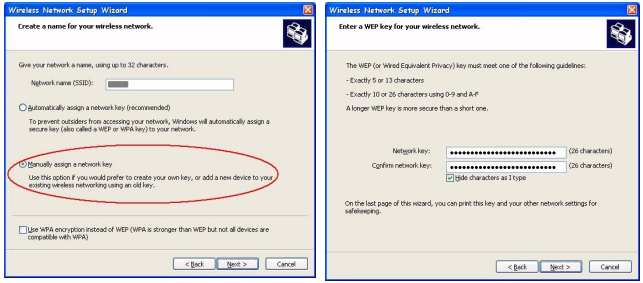
3. Search the available wireless networks. You can update this list by using the button *Refresh network list*.

Select the network whose identifier (SSID) matches the one on the router label and click on "Connect".



4. Use the password which you can find on the label as "Clave 1".

IMPORTANT. The encryption key (WEP) is alphanumeric. Be sure to enter it exactly as it appears on the label.


Wireless Network Setup Wizard
Create a name for your wireless network.
Give your network a name, using up to 32 characters.
Network name (SSID):
Automatically assign a network key (recommended)
To prevent outsiders from accessing your network, Windows will automatically assign a secure key (also called a WEP or WPA key) to your network.
Manually assign a network key
Use this option if you would prefer to create your own key, or add a new device to your existing wireless networking using an old key.
Use WPA encryption instead of WEP (WPA is stronger than WEP but not all devices are compatible with WPA)
< Back
Next >
Cancel
Wireless Network Setup Wizard
Enter a WEP key for your wireless network.
The WEP (or Wired Equivalent Privacy) key must meet one of the following guidelines:
- Exactly 5 or 13 characters
- Exactly 10 or 26 characters using 0-9 and A-F
A longer WEP key is more secure than a short one.
Network key:
Confirm network key:
(26 characters)
(26 characters)
Hide characters as I type
On the last page of this wizard, you can print this key and your other network settings for safekeeping.
< Back
Next >
Cancel

5. Connect to the wireless network (use the *Connect* button or similar) and check it works correctly.

Congratulations, you have completed your wireless router installation !

Now you can access to Internet if the ADSL router default settings fit your needs. To check it works correctly, open your navigator and go to the following web address: www.telefonicaonline.com

Activate your e-mail accounts and your web site

Once you have accessed www.telefonicaonline.com, select the option "Activar ADSL". After typing in the initial *username* and *password* (in the service data letter or the one obtained calling 900 50 20 10 from the telephone line where you have installed the ADSL service), you will access a web site where you can activate your e-mail accounts and your website, where you can publish your personal web pages.

Protect your PC

Once connected to the ADSL service we strongly recommend you to protect your PC against Internet viruses or attacks. If you wish to do so, you can contract these services (Antivirus PC, Anti-Intrusos PC, Pack Seguridad PC, ...) at www.telefonicaonline.com, by calling 1004 or through your usual channel.

For additional information, please consult the User Manual: section 3.6

Router configuration

If you have a static IP address (in which case, the router default settings would not be valid) or you wish to make advanced operations on your ADSL router (such as opening ports, configure the wireless network, change the password...), you can use the Configuration Wizard included in the provided installation CD. It will help you to make these operations easily, and will ensure the correct configuration of the equipment and the PC.

NOTE. The installation and/or configuration process described in this guide can vary slightly depending on your operating system. For detailed information, please consult the User Manual.

VERY IMPORTANT: The Configuration Wizard provided in the installation CD is not valid for the Imagenio service. For further information, consult the user manual: Appendix VI.

In order to using the Configuration Wizard, insert the provided CD in the CD-ROM and follow the instructions on screen.

Besides the Telefónica ADSL Technical Wizard is included in the installation CD provided, and it will allow you to detect and solve potential problems. We recommend you to install both wizards.

NOTA. For further information on the Technical Wizard, please consult the file *Funcionalidad_Asistente_Tecnico_Telefonica.pdf* in "AT" folder of the installation CD.

For additional information, please consult the User Manual: chapter 4

Wizards installation

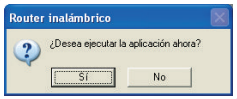
The CD welcome screen will be launched automatically after a few seconds.

>> Configurar Servicio ADSL
>> Instalar Asistente Técnico
>> Se instalará el Asistente de Configuración, que le permitirá configurar su router y su PC de acuerdo a las necesidades del servicio ADSL, así como realizar otras operaciones de configuración (abrir puertos, cambiar contraseña de acceso, ...)

1. Select "Configurar Servicio ADSL"

¿Desea instalar, junto con el Asistente de Configuración, el Asistente Técnico de Telefónica?
Le recomendamos que instale el Asistente Técnico ya que le permitirá detectar y resolver posibles problemas relacionados con el servicio ADSL.
Sí, deseo instalar el Asistente Técnico de Telefónica
<< Atrás
Siguiente >>

2. Select "Sí, deseo instalar el Asistente Técnico de Telefónica"



3. Follow the instructions on the next screens until finish the installation

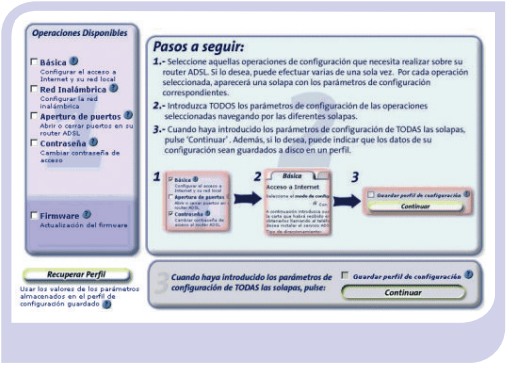
Configuration

The installation creates two desktop shortcuts which will allow you to execute the installed Wizards.

Configuration Wizard shortcut

Technical Wizard shortcut

The Configuration Wizard will allow you to make several operations. Follow the instructions indicated on the wizard´s screens.


Operaciones Disponibles
Básica
Configurar el acceso a Internet y su red local
Red Inalámbrica
Configurar la red inalámbrica
Apertura de puertos
Abrir o cerrar puertos en su router ADSL
Contraseña
Cambiar contraseña de acceso
Firmware
Actualización del firmware
Recuperar Perfil
Usar los valores de los parámetros almacenados en el perfil de configuración guardado
Pasos a seguir:
1.- Seleccione aquellas operaciones de configuración que necesita realizar sobre su router ADSL. Si lo desea, puede efectuar varias de una sola vez. Por cada operación seleccionada, aparecerá una solapa con los parámetros de configuración correspondientes.
2.- Introduzca TODOS los parámetros de configuración de las operaciones seleccionadas navegando por las diferentes solapas.
3.- Cuando haya introducido los parámetros de configuración de TODAS las solapas, pulse 'Continuar'. Además, si lo desea, puede indicar que los datos de su configuración sean guardados a disco en un perfil.
Básica
Acceso a Internet
Guardar perfil de configuración
Continuar
Cuando haya introducido los parámetros de configuración de TODAS las solapas, pulse:
Guardar perfil de configuración
Continuar

You can access an online help for every screen, which will show you more detailed information about it.

For additional information, please consult the User Manual: chapters 4 and 5

To execute more advanced operations, obtain more accurate information about the Wireless Router or help to solve any problem, consult the **User Manual** which you will find in the "Ayuda" folder of the installation CD.

A **video file** (AyudaGrafica.exe) is also included in the installation CD with a detailed graphic help about the installation and configuration processes.

Customer Care

The customer care service is available via telephone as well as via Internet. For further information, please consult chapter 6 in the User Manual.

All the information on ADSL can be found in the "Todo ADSL" section at telefonicaonline.com:
www.telefonicaonline.com/adsl

Telefónica Technical Customer Care Centers

Home users: **902 357 000**

Enterprises and Professionals: **902 357 022**

Customer Care to execute the equipment warranty: **902 275 012**

Solutions to frequent problems

PROBLEM	SOLUTION
The ADSL indicator does not light up.	Verify that the telephone cable is correctly connected to the ADSL connector and to the socket WITHOUT microfilters.
Telephone calls are dropped or too much noise is heard.	Verify that a microfilter has been installed between each telephony device (telephones, faxes...) and the socket.
I cannot access to Internet.	Verify that you have not installed a firewall which may inhibit the Internet connections. Consult Appendix I in the User Manual.
I cannot see any wireless client icon.	Make sure that your wireless client is correctly installed and available. For further information, consult the device manual.
The wireless client management application does not show the ADSL router wireless network (the one that appears on the label) among the networks available.	Verify that the wireless network of your ADSL router is enabled: the WLAN indicator must be shining in green.
I cannot connect to my ADSL router wireless network.	Verify that the configuration of your wireless client matches your router settings. Specially check the following: - That you are using the same network identifier (SSID) in the entire network. *Remember that the SSID is case sensitive.* - That you are using the same type of encryption and the same password in every network component. Remember that if you are using WEP encryption, you will have to select and set the key number 1 in the wireless client settings section. Make sure that the TCP/IP properties of your network wireless client are configured correctly to accept a dynamic IP address (via DHCP). Check your operating system help.

Solutions to frequent problems (continued)

PROBLEM	SOLUTION
The connection with the wireless network fails frequently. The connection quality is poor.	If there are interferences in this channel, set a different one. If there are other wireless networks operating in the same area, we recommend you to configure the networks with a gap of 4 or 5 channels. For example, if there is a wireless network operating in channel 6 and you want to install an additional wireless network, select channel 1, 2, 10, 11, 12 or 13. If this is not possible, select the one with the least impact (for the least saturated channel, in other words, the one that has the least number of wireless networks). Place your ADSL router in an unobstructed space. If you have network coverage problems, it is recommended to change the position of the antenna. It is recommended to minimize obstacles between the router and the wireless client.

TELEFÓNICA DE ESPAÑA, S.A.U. INFORMA

Deseamos agradecerle la confianza depositada en Telefónica de España al haber adquirido uno de nuestros equipos y le informamos que para cualquier aclaración, consulta o reclamación, puede llamar de forma gratuita a:

- Línea de Atención Personal (1004)
- Centro de Atención al Cliente Pymes (900 555 022)
- Centro de Atención de Empresas (900 120 900)

Donde será atendido por nuestros asesores, o si Ud. lo prefiere, visite la página comercial de Telefónica: www.telefonicaonline.com.

Para obtener información sobre el Servicio Postventa, consulte la Tarjeta de Garantía del Equipo.

Por último indicarle que, para reclamaciones por escrito referidas a esta venta, puede dirigirse a Telefónica de España S.A.U, Gran Vía 28, 28013 Madrid.

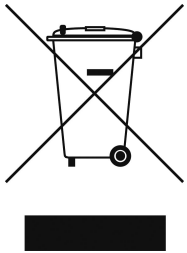
Telefónica de España SAU, Gran Vía 28, Registro Mercantil: Hoja M-213180, Folio 6, Tomo 13170, Inscripción 1ª, C.I.F.: A-82018474
Empresa adherida al Sistema Arbitral de Consumo

ENVIRONMENT RECYCLING

Do not dispose this ADSL router with your normal household waste. Ask your local authority about the opportunities available to dispose correctly and avoid damages to the environment. Always comply with the legal regulations regarding this matter.

All transgressors will be prosecuted.

Cardboard boxes, packaging plastics and the pieces that form the device can be recycled according to the legal rules in Spain with regards to recycling matters.



The cross symbol over the container that can be found printed on the device means that when the equipment has arrived to the end of its lifespan, it must be transferred to a special collection centre, and its processing must be separated from the household waste.

DECLARACIÓN DE CONFORMIDAD

El declarante

Nombre o razón social	Amper Soluciones S. A.
Dirección	C/ Marconi, 3 (P.T.M.). 28760 Tres Cantos. Madrid.
Teléfono	91 724 3050
Fax	91 724 3010
CIF	A-28176949

Declara bajo su propia responsabilidad que el producto

Equipo	Kit ADSL Router Inalámbrico
Marca	Telefónica
Fabricante	XAVi Technologies Corp.
País de fabricación	China
Modelo	X7968r
Versión	1.0

Es conforme con las especificaciones técnicas que le son de aplicación en el día de la fecha según la Directiva 99/5 del Parlamento Europeo y del Consejo del 9 de marzo de 1999, transpuesta a la legislación española mediante el RD 1890/2000, de 20 de noviembre de 2000 y en particular con:

Directiva de seguridad en baja tensión LVD 73/23 modificada por LVD 2006/95/CE

Directiva de compatibilidad electromagnética 89/336/CE modificada por 92/31/CE y 93/68/CE

Real Decreto 208/2005 sobre aparatos eléctricos y electrónicos y la gestión de los residuos

Seguridad:	EN 60950
Compatibilidad electromagnética:	EN 301.489-1
Interfaz para acceso ADSL:	ANSI T1 413 , UNE-TBR 21, ETSI TS 102.913
Interfaz inalámbrica:	IEEE802.11b/g

Madrid, 4 de diciembre de 2007

Fdo. Emilio Blanco Martín
Director Técnico
Amper Soluciones

CE1177 ⓘ This equipment is ready to be connected to the analogue network of Telefónica de España, S.A.U., with access to ADSL service. Its use is allowed exclusively in Spain.

VERSION 1.0

Equipo suministrado por:
C.I.F.: A-28176949
Código REI-RAEE: 000409